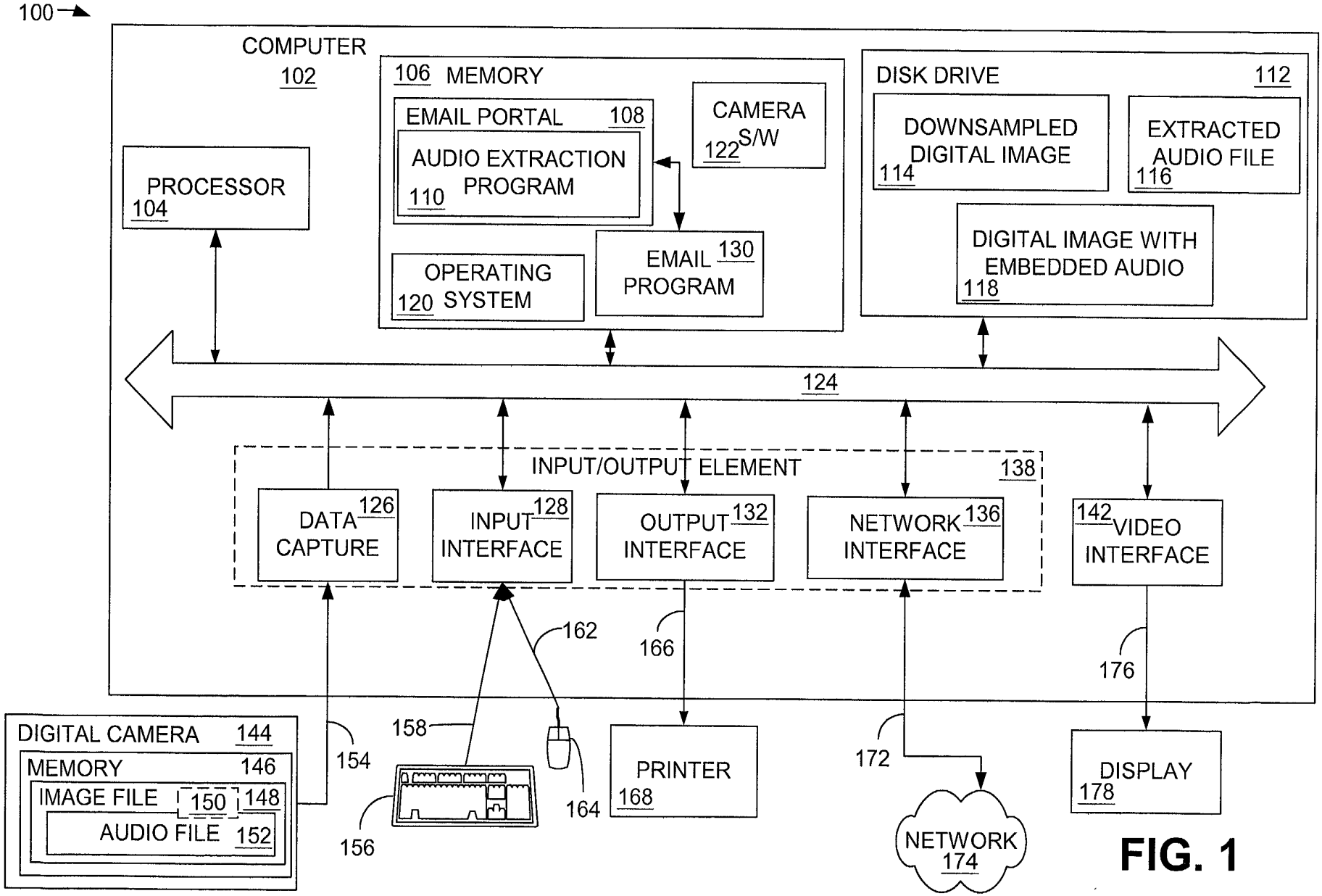
100
COMPUTER
102
106 MEMORY
EMAIL PORTAL 108
AUDIO EXTRACTION PROGRAM
110
CAMERA S/W
122
PROCESSOR
104
OPERATING SYSTEM
120
EMAIL PROGRAM
130
DISK DRIVE
112
DOWNSAMPLED DIGITAL IMAGE
114
EXTRACTED AUDIO FILE
116
DIGITAL IMAGE WITH EMBEDDED AUDIO
118
124
INPUT/OUTPUT ELEMENT
138
DATA CAPTURE
126
INPUT INTERFACE
128
OUTPUT INTERFACE
132
NETWORK INTERFACE
136
VIDEO INTERFACE
142
162
166
176
DIGITAL CAMERA
144
MEMORY
146
IMAGE FILE
150
148
AUDIO FILE
152
154
158
156
164
PRINTER
168
172
NETWORK
174
DISPLAY
178

FIG. 1

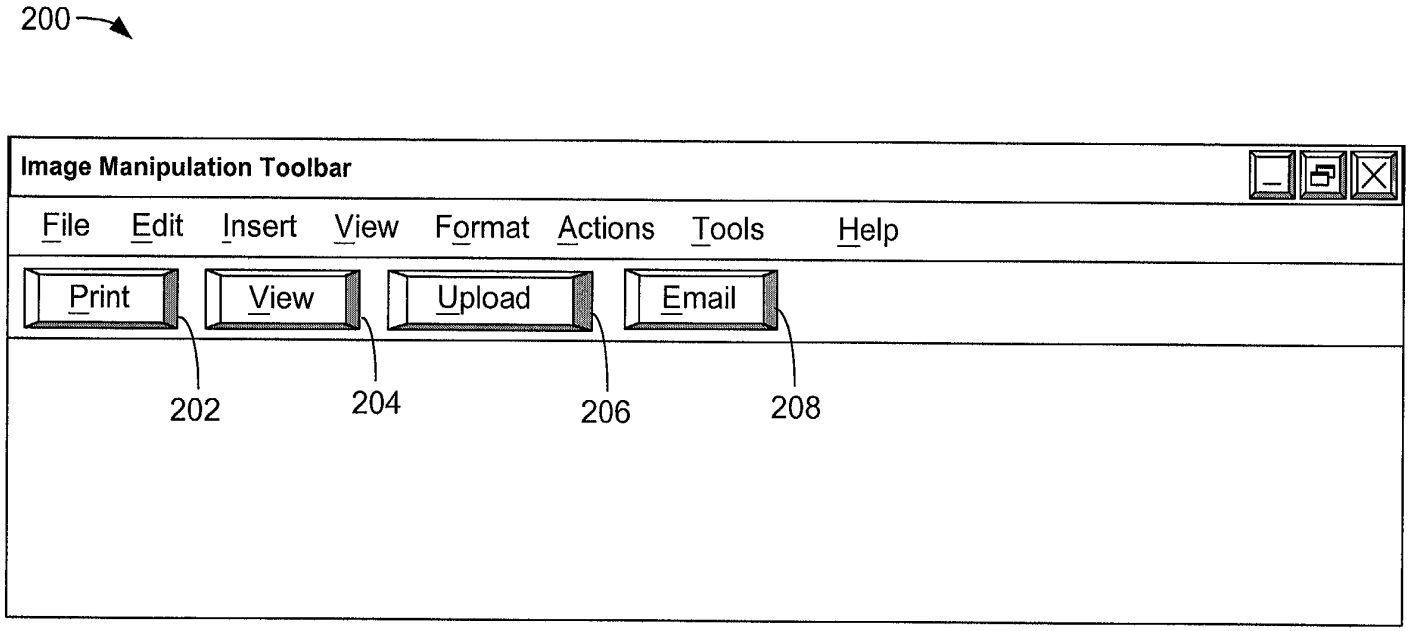
200
Image Manipulation Toolbar
File Edit Insert View Format Actions Tools Help
Print
View
Upload
Email
202
204
206
208

FIG. 2

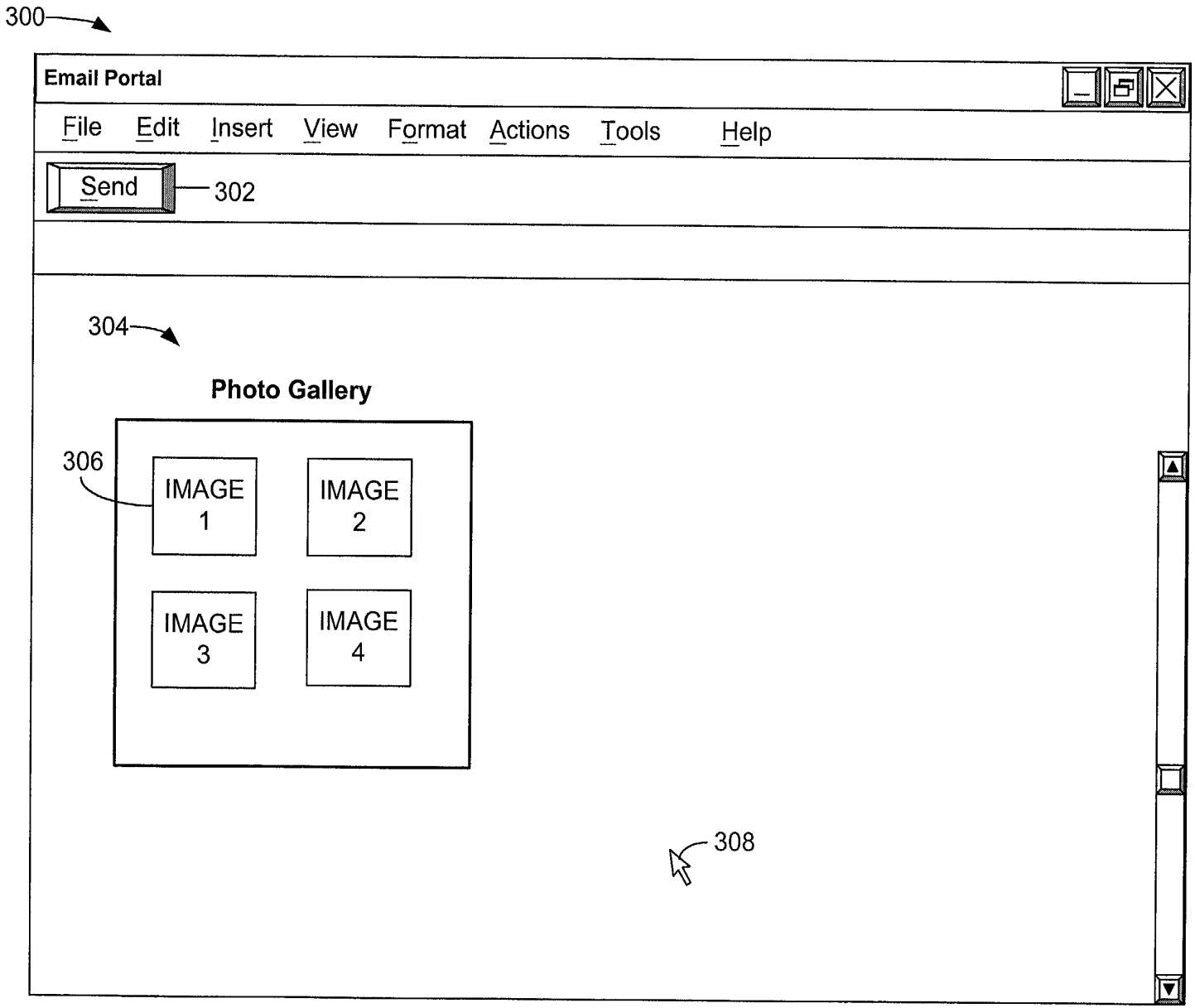
300
Email Portal
File Edit Insert View Format Actions Tools Help
Send
302
304
Photo Gallery
306
IMAGE 1
IMAGE 2
IMAGE 3
IMAGE 4
308

FIG. 3

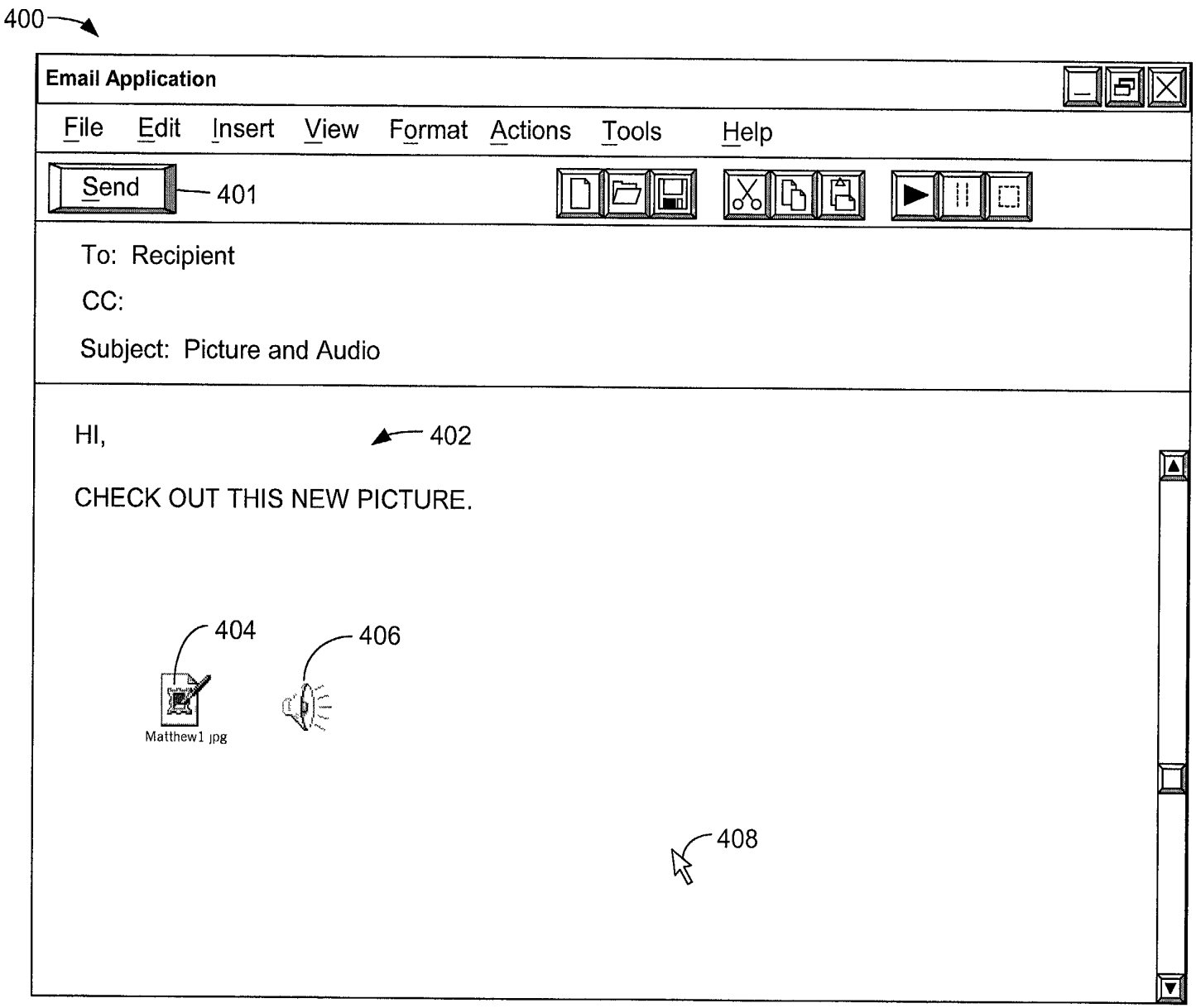
400
Email Application
File Edit Insert View Format Actions Tools Help
Send
401
To: Recipient
CC:
Subject: Picture and Audio
HI,
402
CHECK OUT THIS NEW PICTURE.
404
406
Matthew1.jpg
408

FIG. 4

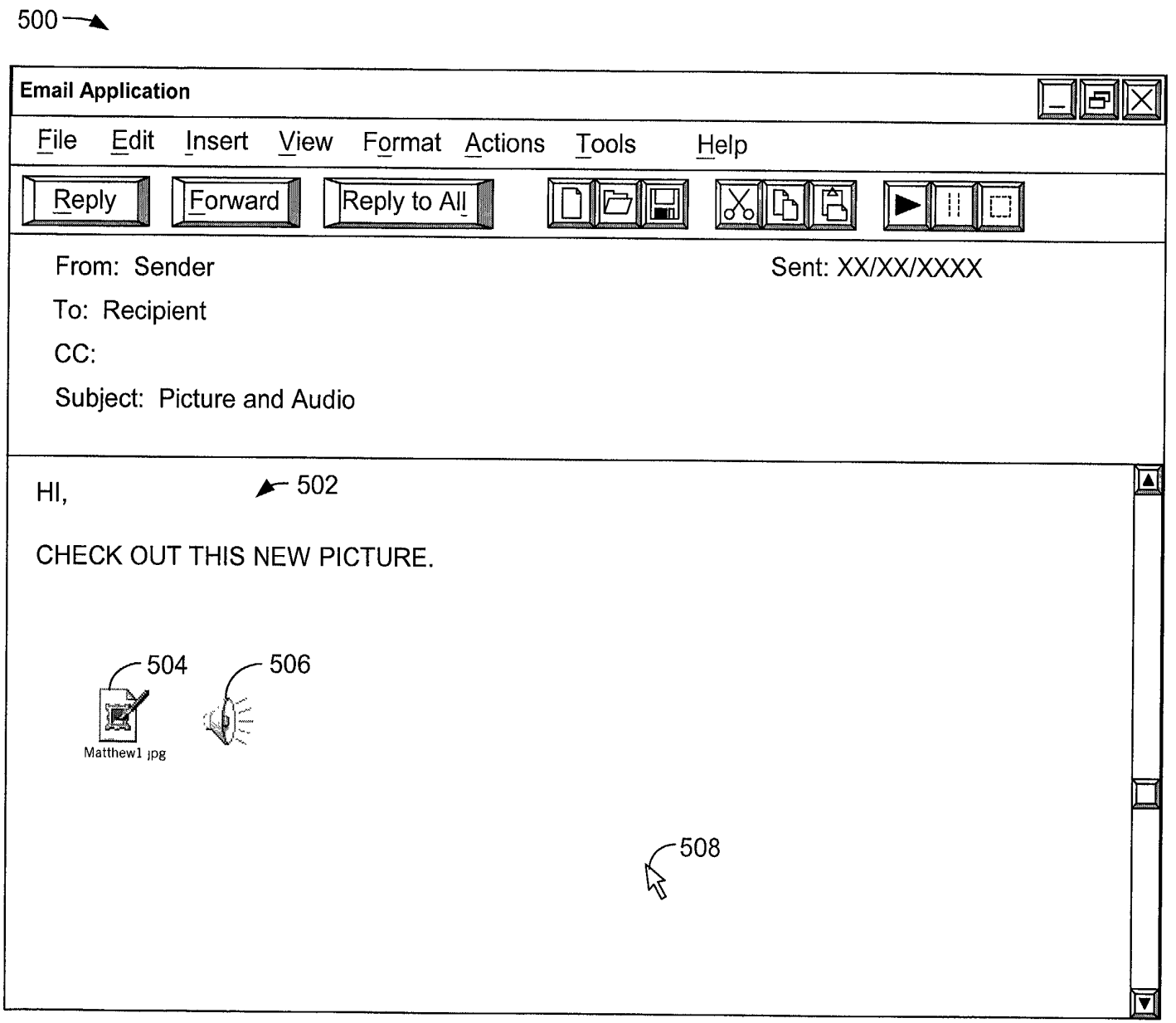
500
Email Application
File Edit Insert View Format Actions Tools Help
Reply
Forward
Reply to All
From: Sender
Sent: XX/XX/XXXX
To: Recipient
CC:
Subject: Picture and Audio
HI,
502
CHECK OUT THIS NEW PICTURE.
504
506
Matthew1 jpg
508

FIG. 5

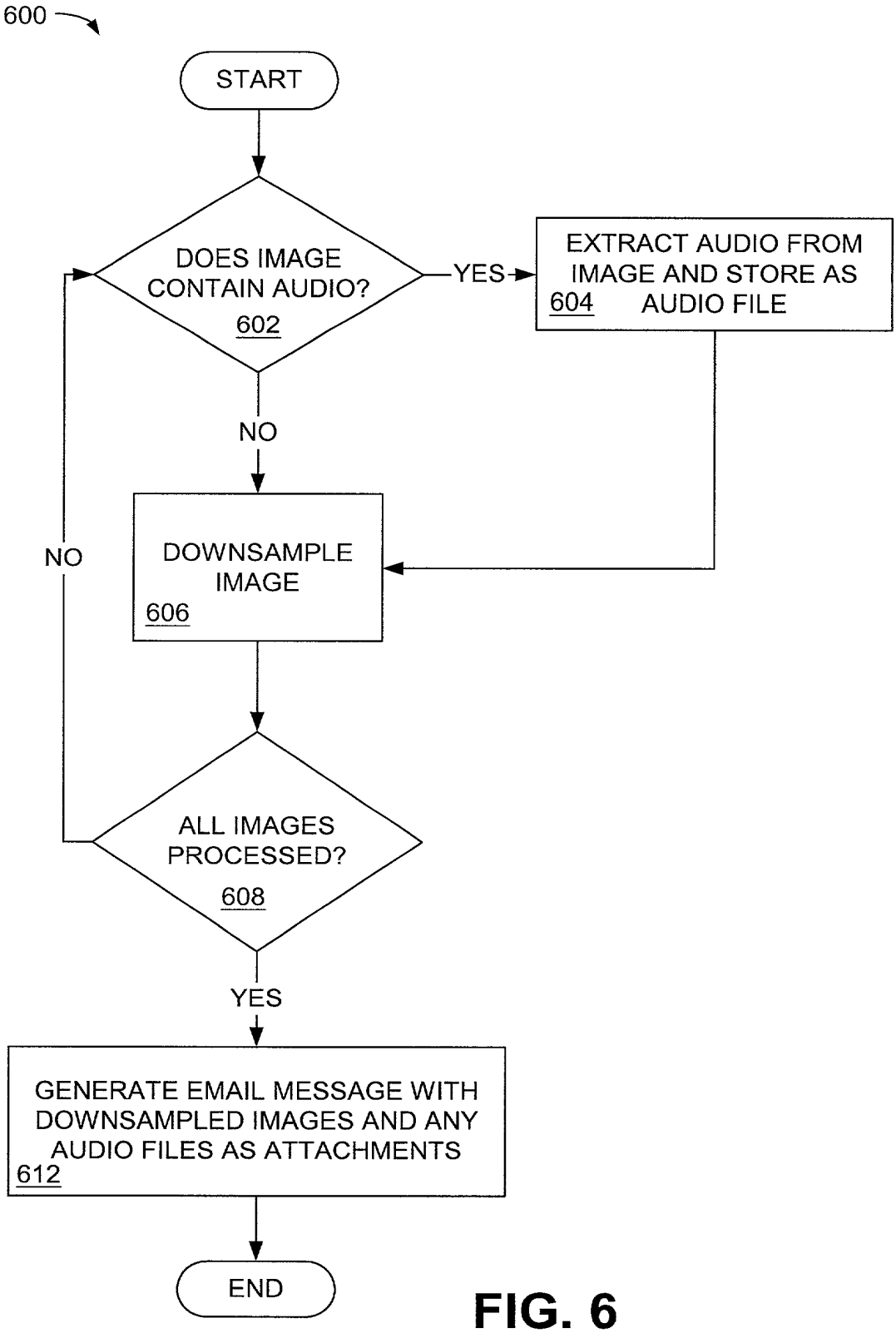
600
START
DOES IMAGE CONTAIN AUDIO?
602
YES
EXTRACT AUDIO FROM IMAGE AND STORE AS AUDIO FILE
604
NO
DOWNSAMPLE IMAGE
606
NO
ALL IMAGES PROCESSED?
608
YES
GENERATE EMAIL MESSAGE WITH DOWNSAMPLED IMAGES AND ANY AUDIO FILES AS ATTACHMENTS
612
END

FIG. 6